USER MANUAL

for H5D-50c with Wi-Fi

HASSELBLAD

SETTINGS > WI-FI *(H5D-50c Wi-Fi model only)*

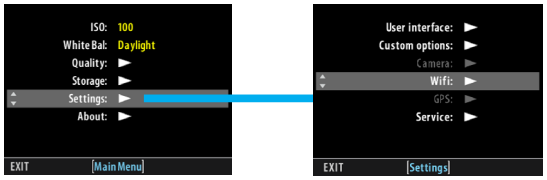
The Wi-Fi mode allows the Hasselblad Phocus Mobile application on an iPhone, iPod or an iPad to work in the same way as when a camera is tethered to a computer.

Please note that no images are stored on the iPhone/iPod/iPad so if you want to mail an image, use the screen capture function on the iPhone/iPad. Also note that the camera can only connect to open Wi-Fi networks or WPA/WPA2 encrypted networks. 802.11 a/b/g/n networks can also be used however WEP encrypted networks cannot.

SENSOR UNIT MENU > SETTINGS > WI-FI

1. *Press* **MENU**.
2. *Navigate to* **Settings** *(use the* **Navigator** *or front scroll wheel if set).*
3. *Navigate to* **Wi-Fi** *and change the settings accordingly.*

   NOTE: The Wi-Fi function is set to **Off** *by default and you can only make changes to the Wi-Fi mode when it is in* **Off** *mode*
4. *Further settings are described below.*



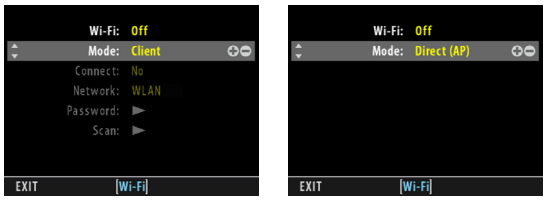
WI-FI MODES *(H5D-50c Wi-Fi model only)*

The Wi-Fi function has two modes of operation – **Client** and **Direct (AP)**.

- **Client** is when both the camera and the iPhone/iPad are connected to an *existing* Wi-Fi network.
- **Direct (AP)** is when the *camera creates a new* Wi-Fi network and an iPhone/iPod/iPad is connected to it. The name of the nework contains the camera serial number:

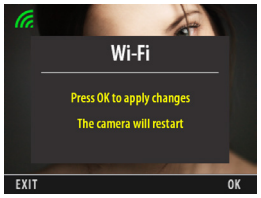
  E.g.: "**H5D-50c SQ34000123**"

  The IP address in Direct (AP) mode is always 192.168.0.11.



ACTIVATE SETTINGS *(H5D-50c Wi-Fi model only)*

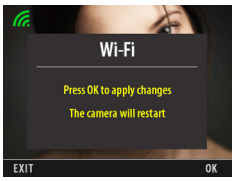
When changing Wi-Fi from **ON** to **OFF**, the sensor unit will re-start to activate the new settings. Pressing **OK** will re-start and **EXIT** will retain previous settings. The menu will be entered after re-start.

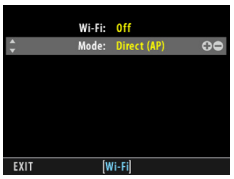


CONNECT DIRECTLY TO AN iPHONE/iPOD/iPAD (DIRECT (AP) MODE)

(H5D-50c Wi-Fi model only)

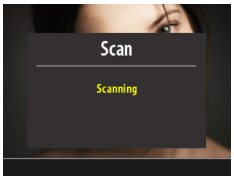
1. *Enter the Wi-Fi menu.*
2. *Make sure Wi-Fi is set to* **OFF**. *When changed from* **ON** *to* **OFF**, *a quick re-start will take place. The menu will be entered automatically.*
3. *Change Wi-Fi mode to* **Direct (AP)**.
4. *Set Wi-Fi to* **ON.**
5. *Exit from the menu.*
6. *Connect your iPhone/iPod/iPad to the network created by the camera. (Select the camera network in the Wi-Fi setting of the iOS menu). Then proceed as described on page 5.*

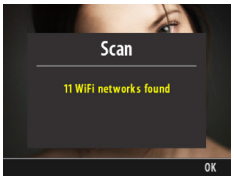




CONNECT TO AN EXISTING NETWORK (CLIENT MODE) *(H5D-50c Wi-Fi model only)*

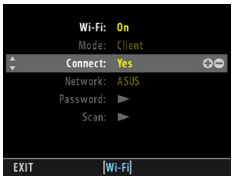
1. *Enter the Wi-Fi menu.*
2. *If Mode is "***Client***" you can skip steps 2 to 4.*
3. *If Mode is "***Direct (AP)***" please make sure Wi-Fi is set to* **OFF**. *When changing from* **ON** *to* **OFF**, *a quick re-start will take place. The menu will be entered automatically.*
4. *Change Wi-Fi mode to* **CLIENT**.
5. *Set Wi-Fi to* **ON**.
6. *If you have moved to a new location, you willl need to search for new networks using the "Scan" menu item. This will retrieve a list a available networks. This step can be skipped if you are using a previously connected network. The Scan process will run automatically the first time the camera is used in Client mode.*
7. *Select the desired network from the list in "***Network***". If a password is required, enter that according to the description on page 4.*
8. *Change "***Connect***" to "***YES***"*
9. *Exit from the menu.*
10. *If the connection is working, the Wi-Fi icon on the rear display will be green. If it is red, please check the entered password. The password will be visible until the camera is turned off or re-started. After a restart you will only see "*****" in the password menu.*
11. *Exit from the menu.*
12. *Connect your iPhone/iPod/iPad to the same network as the camera. (Select network in the Wi-Fi setting of the iOS menu). Then proceed as described on page 5.*





CHANGE TO A DIFFERENT CLIENT NETWORK *(H5D-50c Wi-Fi model only)*

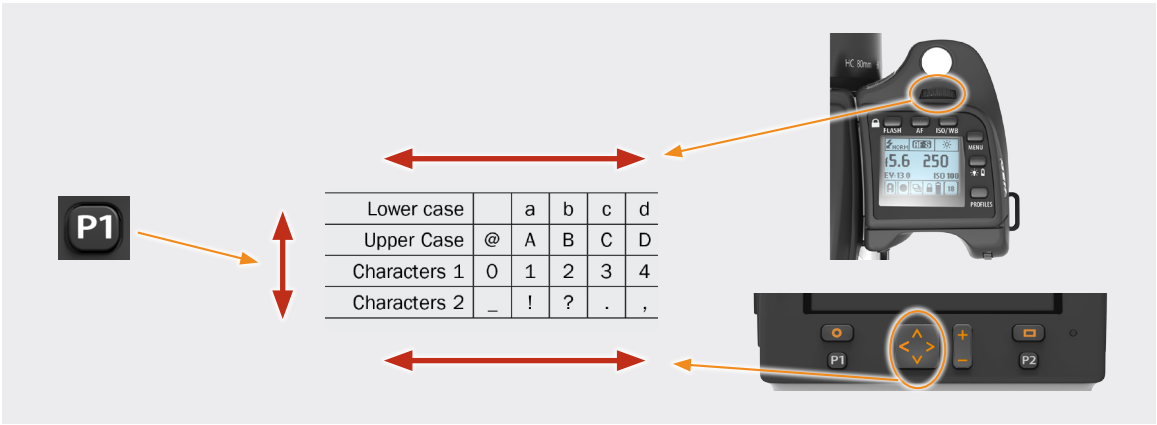
1. *Enter the Wi-Fi menu.*
2. *Set "***Connect***" to* **No**.
3. *Select a different network in the "***Network***" menu item. If required perform a* **Scan** *and enter a new password.*
4. *Set "***Connect***" to* **Yes**.
5. *Exit from the menu.*
6. *Connect your iPhone/iPod/iPad to the network created by the camera. (Select network in the Wi-Fi setting of the iOS menu). Then proceed as described on page 5.*



WI-FI CONNECTION *(H5D-50c Wi-Fi model only)* CONTINUED

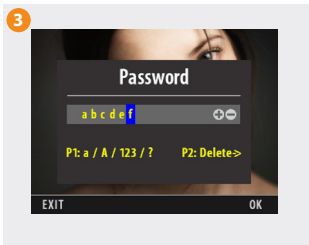
WIFI > WIFI ON > PASSWORD

If the network is password protected using WPA or WPA2 encryption, then a password must also be entered at this point. The available characters required for a password are illustrated in the chart below. The characters are divided into and viewed as four separate lines - Lower case, Upper case, Numbers and Special characters - and then searched for and selected. The lines are accessed by pressing the **P1** button on the sensor unit. For example, press the **P1** button to display *Lower case* for the letter "a" and press **P1** again to display *Upper case* for the letter "B", and so on. A choice of controls on both the sensor unit and the grip can be used, whichever is required or preferred, as illustrated below.



Proceed as follows:

1. *Ensuring that* **WiFi** *is set at* **OFF**, *select* **Password** *to access the password dialogue.*
2. *Press the* **P1** *button on the sensor unit to select and view the chosen line of characters (Lower case, Upper case etc).*
3. *Using either the* **Navigator** *or the* **Front Scroll Wheel** *on the grip, locate the desired character (indicated by a blue background).*
4. *Select a character by pressing either the* **Zoom/ Selection** *button or by moving the* **Rear Scroll Wheel**.
5. *To delete an incorrect character in the password, locate the character again in the list as before then press the* **P2** *button. The chosen character and all characters to the right of it in the password will then be deleted.*
6. *To change a character in the password, just highlight it and change it by pressing either the* **Zoom/Selection** *button or by moving the* **Rear Scroll Wheel**.



Possible characters

Lower case		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
Upper Case	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Characters 1	0	1	2	3	4	5	6	7	8	9	+	-	*	/	=	<	>	(	)	[	]	{	}	~	^	%	#
Characters 2	_	!	?	.	,	:	;	$	&	"	´	`	\	|	-	!	_	9	8	7	6	5	4	3	2	1	0

WI-FI CONNECTION VIA PHOCUS MOBILE *(H5D-50c Wi-Fi model only)*

Assuming that an iPhone/iPod/iPad is connected to:

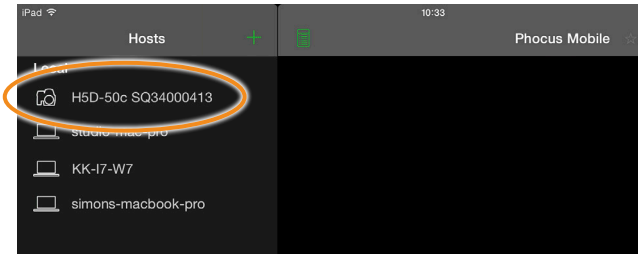
a) ***the same network as you intend to use***, or that

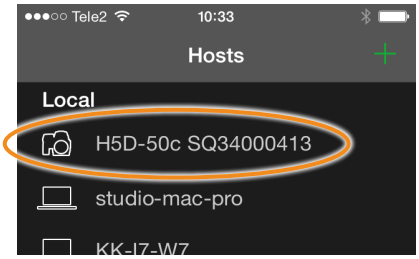
b) ***a Direct (AP) connection has already been established***,

you will see a list of connected cameras and Phocus applications running under **Hosts**. Cameras appear as camera icons together with their specific serial numbers. Click on the camera icon with the relevant serial number to connect.

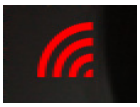
Please note that in **Direct (AP)** mode, only one iPhone/iPod/iPad can be connected at the same time.

The rear display on the camera will indicate the status of the Wi-Fi connection with different coloured icons:



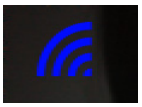


Connectable cameras appear under Hosts in Phocus Mobile..



RED: *Not connected.*

GREEN: *Connected to the Wi-Fi network but not to Phocus Mobile.*



BLUE: *Connected to both the Wi-Fi network and to Phocus Mobile.*

SETTINGS > GPS

Only accessible when the optional accessory GIL GPS Receiver is attached.

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